



11-23-05

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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

21

Application Number

10/764,077

Filing Date

January 23, 2004

First Named Inventor

KRIS KELKAR

Art Unit

2688

Examiner Name

EKONG, EMEM

Attorney Docket Number

147-25-057

### ENCLOSURES (Check all that apply)

- |   |   |   |
|---|---|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form                  | <input checked="" type="checkbox"/> Replacement Drawing (1 sheet)                       | <input type="checkbox"/> After Allowance Communication to TC                            |
| <input checked="" type="checkbox"/> Fee Attached                          | <input type="checkbox"/> Licensing-related Papers                                       | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences     |
| <input checked="" type="checkbox"/> Amendment/Reply                       | <input type="checkbox"/> Petition   | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final                                      | <input type="checkbox"/> Petition to Convert to a Provisional Application               | <input type="checkbox"/> Proprietary Information  |
| <input type="checkbox"/> Affidavits/declaration(s)                        | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input type="checkbox"/> Status Letter  |
| <input type="checkbox"/> Extension of Time Request                        | <input type="checkbox"/> Terminal Disclaimer  | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):         |
| <input type="checkbox"/> Express Abandonment Request                      | <input type="checkbox"/> Request for Refund   | Itemized Postcard   |
| <input type="checkbox"/> Information Disclosure Statement                 | <input type="checkbox"/> CD, Number of CD(s) _____                                      |   |
| <input type="checkbox"/> Certified Copy of Priority Document(s)           | <input type="checkbox"/> Landscape Table on CD  |   |
| <input type="checkbox"/> Reply to Missing Parts/Incomplete Application    | <div>Remarks</div>  |   |
| <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 |   |   |

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

|              |                                 |          |        |
|--------------|---------------------------------|----------|--------|
| Firm Name    | KOPPEL, JACOBS, PATRICK & HEYBL |          |        |
| Signature    | <i>Richard S. Koppel</i>        |          |        |
| Printed name | Richard S. Koppel               |          |        |
| Date         | 11/21/05                        | Reg. No. | 26,475 |

### CERTIFICATE OF MAILING

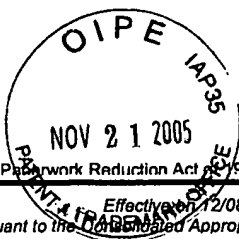
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I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as Express mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

|                       |                        |      |               |
|-----------------------|------------------------|------|---------------|
| Signature             | <i>Jenny Jirkovsky</i> |      |               |
| Typed or printed name | Jenny Jirkovsky        | Date | NOV. 21, 2005 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (12-04v2)

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Effective 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).**FEE TRANSMITTAL**  
**For FY 2005**☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 1,400.00**Complete if Known**

|                      |                  |
|----------------------|------------------|
| Application Number   | 10/764,077       |
| Filing Date          | January 23, 2004 |
| First Named Inventor | Kris Kelkar      |
| Examiner Name        | Ekong, Emem      |
| Art Unit             | 2688             |
| Attorney Docket No.  | 147-25-057       |

**METHOD OF PAYMENT (check all that apply)**☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_☒ Deposit Account Deposit Account Number: 11-1580 Deposit Account Name: Richard S. Koppel

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

| Application Type | FILING FEES |                       | SEARCH FEES |                       | EXAMINATION FEES |                       | Fees Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
|                  | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)         | Small Entity Fee (\$) |                |
| Utility          | 300         | 150                   | 500         | 250                   | 200              | 100                   |                |
| Design           | 200         | 100                   | 100         | 50                    | 130              | 65                    |                |
| Plant            | 200         | 100                   | 300         | 150                   | 160              | 80                    |                |
| Reissue          | 300         | 150                   | 500         | 250                   | 600              | 300                   |                |
| Provisional      | 200         | 100                   | 0           | 0                     | 0                | 0                     |                |

**2. EXCESS CLAIM FEES****Fee Description**

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

| Fee (\$)                  | Small Entity Fee (\$) |
|---------------------------|-----------------------|
| 50                        | 25                    |
| 200                       | 100                   |
| 360                       | 180                   |
| Multiple Dependent Claims |                       |
| Fee (\$)                  | Fee Paid (\$)         |

|              |              |          |               |   |
|--------------|--------------|----------|---------------|---|
| Total Claims | Extra Claims | Fee (\$) | Fee Paid (\$) |   |
| 35           | - 41 or HP = | 0        | 50.00 =       | 0 |

HP = highest number of total claims paid for, if greater than 20.

|               |              |          |               |            |
|---------------|--------------|----------|---------------|------------|
| Indep. Claims | Extra Claims | Fee (\$) | Fee Paid (\$) |            |
| 10            | - 3 or HP =  | 7        | 200.00 =      | \$1,400.00 |

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

|              |              |  |          |               |
|--------------|--------------|--|----------|---------------|
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) |
| - 100 =      | / 50 =       | (round up to a whole number) x                   | =        |               |

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

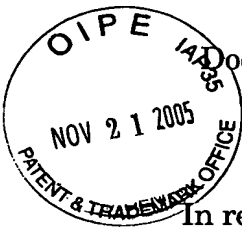
Other (e.g., late filing surcharge): \_\_\_\_\_

**Fees Paid (\$)****SUBMITTED BY**

|                   |                          |                                   |          |                          |
|-------------------|--------------------------|-----------------------------------|----------|--------------------------|
| Signature         | <u>Richard S. Koppel</u> | Registration No. (Attorney/Agent) | 26,475   | Telephone (805) 373-0060 |
| Name (Print/Type) | Richard S. Koppel        | Date                              | 11/21/05 |                          |

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Docket No. 147-25-057

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of: : Group Art Unit: 2688  
Applicants: Kelkar, Kris :  
Filed: January 23, 2004 : Examiner: Ekong, Emem  
Serial No. 10/764,077 :  
For: WIRELESS COMMUNICATION :  
STRUCTURES AND METHODS :  
WITH ENHANCED RANGE AND :  
PERFORMANCE :

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT**

Sir:

In response to the Office Action dated October 28, 2005, please amend the above application as shown in the Amendments to the Specification, the Amendments to the Abstract, the Amendments to the Drawings and the Amendments to the Claims which respectively begin on pages 2, 3, 4 and 5.

|   |                                 |
|---|---------------------------------|
| <b>CERTIFICATE OF MAILING</b>   |                                 |
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| <u>November 21, 2005</u><br>Date  | <u>[Signature]</u><br>Signature |

11/25/2005 WABDELRI 00000098 10764077 1400.00 0P 01 FC:1201